

From: [Jon Rauscher](#)
To: [R6.DWH.EUL@EPA](#); [Sharon Osowski](#)
Subject: Fw: Xylene CAS and name issue
Date: 06/23/2010 01:39 PM

----- Forwarded by Jon Rauscher/R6/USEPA/US on 06/23/2010 01:38 PM -----

From: "Warr (Kettler), Kristie" <KETTLERK@WestonSolutions.com>
To: Jon Rauscher/R6/USEPA/US@EPA
Cc: "Morgan, Bradley" <Brad.Morgan@WestonSolutions.com>
Date: 06/23/2010 01:35 PM
Subject: FW: Xylene CAS and name issue

Please see below. For item number 5 below, we have replaced all XYLMP CAS numbers with CAS 179601-23-1.

Let me know if there are others that we need to address.

-----Original Message-----
From: Warr (Kettler), Kristie
Sent: Sunday, June 13, 2010 1:43 PM
To: 'Wainberg, Daniel@epamail.epa.gov'; 'Schaefer, Joe@epamail.epa.gov'
Cc: Morgan, Bradley
Subject: RE: Xylene CAS and name issue

Dan,

I was able to do a quick check of the CAS numbers I think they are concerned about.

1. CAS 1330-20-7 Region 6 analyte names include Xylene (total) and Xylenes, Total
2. CAS 136777-61-2 Region 6 analyte names include m,p-xylene; m-xylene & p-xylene
3. CAS 95-47-6 Region 6 analyte names include o-xylene and ortho-xylene
4. CAS NA Region 6 EPA lab used this for meta-/para-xylene
5. CAS XYLMP Region 6 analyte name includes m,p-xylene (This is consistently being used by Air Toxics. I can ask them to modify to CAS 179601-23-1)
6. CAS 100-01-6 Region 6 analyte name includes 4-nitroaniline
7. CAS 108-38-3 Region 6 does not have any results with this number.
8. CAS 179601-23-1 Region 6 does not have any results with this number. See comment above for Air Toxics data.

I think the only action for Region 6 is to get Air Toxics to use CAS Number 179601-23-1 for m,p-xylene. Please let me know what I need to do next.

Thanks,
Kristie

-----Original Message-----
From: Wainberg, Daniel@epamail.epa.gov [mailto:Wainberg, Daniel@epamail.epa.gov]
Sent: Friday, June 11, 2010 11:46 AM
To: Warr (Kettler), Kristie; LKrebs@otiesolutions.com
Cc: Morgan, Bradley
Subject: Fw: Xylene CAS and name issue

Kristie and Limari,

I am covering for Joe this weekend and received the email below. Can you take a look at the email below and let me know either that what they saying doesn't make sense or if we can fix these issues? Also, please confirm receipt of this email so I know you are working on this. thanks

Dan Wainberg
On-Scene Coordinator
EPA - New England
Office: 617.918.1283
Cell: 617.413.4622
Fax: 617.918.0283
Wainberg, Daniel@epa.gov
----- Forwarded by Daniel Wainberg/R1/USEPA/US on 06/11/2010 12:43 PM

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From: >
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EOC Environmental >
Unit >
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To: >
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Daniel >
Wainberg/R1/USEPA/US@EPA >
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Cc: >
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Joe Schaefer/ERT/R2/USEPA/US@EPA, EOC Water@EPA, EOC OAR@EPA, EOC ATSDR@EPA, Terry Smith/DC/USEPA/US@EPA >
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Xylene CAS and name issue >
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|Joan
Karrie

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Dan,
In reviewing all the sampling data that has been given to us, I found a large variety of names and CAS numbers related to the xylenes, not all of which are used correctly. In order to collate, correlate, and report out these results correctly, we need to have all the data reported using the correct, consistent CAS numbers. The names are not as important, as we will be using the provided CAS numbers to pull the correct names from SRS, regardless of the name used in the data.
Consistent names would be nice however.

Here are the correct names and CAS numbers for the Xylenes; they have been vetted by Terry Smith here in OEM and are considered Agency-official as shown in SRS.

(Embedded image moved to file: pic08329.gif)

Attached is an excel file that provides all of the information that you might need to help the labs and Regions implement these data standards.

Any data with incorrect CAS numbers needs to be updated and resent via Scribe.net.

Note: there are many rows of data that use correct CAS numbers but for which the listed analyte name does not match the CAS number. Please make sure that the CAS number reflects the actual analyte.

Tab 1 "Decision", again shows the chart above. Tab 2 "Overview" shows all the CAS numbers and names used in the data, as well as references to numbers and names in SRS or via the SRS contractor if not in SRS proper.
The rest of the tabs include the data that is referenced in Tab 2.

(See attached file: Xylene Name and CAS Issue.xls)

Please let me know if you have any questions.

Thanks

Joan

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